ABSTRACT OF THE DISCLOSURE

A method and system are disclosed for compressing motion
image information by means of predictive coding with a high

5   compression ratio while maintaining high image quality. An
image in each frame is divided into blocks in advance, and each
of all blocks is approximated by (replaced with) a single plane
defined by three data representing the magnitude of the
intensity of the block, the block-to-block gradient of the

10 intensity in the x direction, and the block-to-block gradient
of the intensity in the y direction. Furthermore,
corresponding pixels are compared with each other in each block
consisting of n × m pixels between frames, and differential
information is generated according to the comparison result.

15 Pixels indicated as being not greater than a parameter is
treated (deleted) as pixels having no difference between
frames. Information compression is performed for pixels
indicated as being greater than the parameter.